

SIGNAL AT SAN BRUNO AVENUE & SHELTER CREEK PROJECT

PROJECT DESCRIPTION: This project will improve right-of-way assignment and regulate traffic flow through the intersection by installing a traffic signal at the intersection of San Bruno Avenue and Shelter Creek Lane/Crestmoor Drive. Pedestrian signal heads will also provide a dedicated signal phase to cross the intersection. The result will be a decreased potential for collisions between vehicles, pedestrians and bicyclists. The new signal will be coordinated with the existing Caltrans-maintained signal at San Bruno Avenue and I-280. The temporary safety measure that would have installed stop signs on San Bruno Avenue pending signal installation was vetoed by Caltrans review, due to their concern that traffic could back up into the intersection of I-280 and San Bruno Ave.

PROJECT NUMBER: 82616

PROJECT MANAGER: Principal Engineer

PRIORITY FOCUS/MASTER PLAN JUSTIFICATION: The City's accident records validate resident concerns about the safety of this intersection, showing multiple right-angle collisions between vehicles on San Bruno Avenue and Shelter Creek Lane/Crestmoor Drive. The issue has been discussed at Traffic Safety and Parking Committee (TSPC) meetings and the installation of a new traffic signal was determined to be the best corrective course of action.

LIFE EXPECTANCY: 50 years

2007-08 STATUS: Completed design and approved agreement authorizing Caltrans to operate and maintain signal. Awarded construction contract and began installation.

2008-09 WORK PLAN: Complete construction and installation of signal, including repaving of asphalt near the intersection.

PROJECTED COMPLETION DATE: Due to the lead-time for the custom construction of the signal poles, installation will not complete until February 2009.

PROJECT-RELATED APPROPRIATIONS AND EXPENSES:

Funding Source	Previously Funded	Carry-Over Appropriations	2008-09 Request	Future Years	Total Appropriations
Measure A	459,364	376,067	16,933	0	476,297
Total	\$459,364	\$376,067	\$16,933	\$0	\$476,297

Line Item Expenditures	Prior Expenses	2007-08 Expenses	2008-09 Proposed	Future Years	Total Expenditures
Pre-Design	17,577	0	0	0	17,577
Design	46,888	18,260	0	0	65,148
Construction	0	572	393,000	0	393,572
Total	\$64,465	\$18,832	\$393,000	\$0	\$476,297

ONGOING FINANCIAL IMPACT: None. Caltrans will be responsible for operation and maintenance of the signal after installation.